

Societal Implementation

Implement measures and provide services as business owner & operator to resolve societal issues and bring about an ideal future society

Under D: Social Implementation, we directly provide solutions needed in the execution of policy and business to bring about the world of the future and resolve societal issues. In addition to our broad lineup of ICT services, the MRI Group participates as a business principal to provide services, effectively contributing to resolving societal issues, and feeds back the knowledge acquired into A: Research & Recommendations, B: Analysis & Conceptualization, and C: Design & Testing, resulting in a cyclical value-creation processes.

Case Study 1 Digital Local Currency Business



Revitalizing regional economies through the use of local digital currency

Societal Issue
Japan's population has been shrinking since 2005, especially in regional cities. This is eroding communities and inflicting serious damage on regional economies.

Solution
MRI used blockchain technology to develop platforms enabling local governments and companies to issue and operate numerous digital coin, e-money, and loyalty point schemes. The schemes include the ability to award limited time premiums to stimulate consumption.

For example, in the local digital currency business we collaborated with Kintetsu Group Holdings to issue the Kintetsu Shimakaze Coin.

Value Provided
Revitalization of regional consumption activity is necessary to stem the decline of local economies. We are helping to

revitalize them by tapping into local residents' spending patterns and maximizing the intraregional circulation of money.

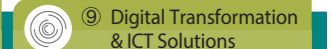
Area covered by Kintetsu Shimakaze Coin; local flyer



Ago Bay (Shima, Mie Prefecture)

Kintetsu Shimakaze Coin
www.mri.co.jp/news/press/20191016.html (in Japanese)

Case Study 2 AI Staff Project



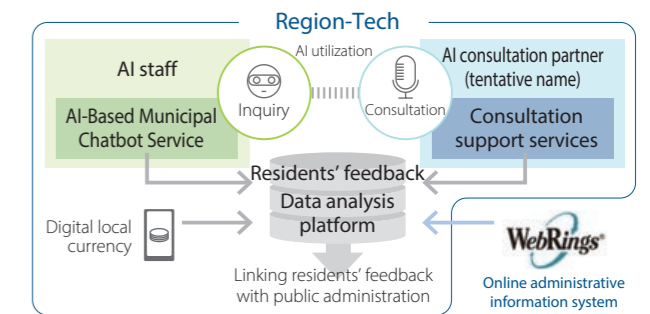
Strengthening links between public administration and residents' feedback

Societal Issue
In the future, labor shortages will intensify due to the aging of society and will likely affect public administration. Meanwhile, the diversifying needs of citizens and changes to communications methods due to the spread of smartphones call for changes in how administrative services are run.

Solution
Together with Japan Business Systems and INES Corporation, MRI put forward the Region-Tech concept. Its aim is to solve local issues and build sustainable communities by digitizing communications with residents. One initiative is the AI-Based Municipal Chatbot Service, with chatbots* that use AI to answer residents' inquiries automatically.

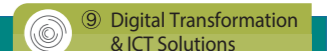
Value Provided
The Region-Tech concept enables one-stop procedures via smartphone, offers multilingual support, and strengthens the links between public administration and residents' feedback. We aim at modeling expected future issues and risks, enabling users to address such problems before they arise, in addition to resolving existing issues.

Overview of Region-Tech concept



* Chatbot: A computer program that uses AI to interact with people and automatically answers their written or verbal inquiries.

Case Study 3 Work Style Reform Business



Backing up work style reforms with RPA and paperless operations

Societal Issue
In April 2019, the Labor Reform Laws were put into full effect. Companies need to improve productivity and reduce long working hours by working more efficiently.

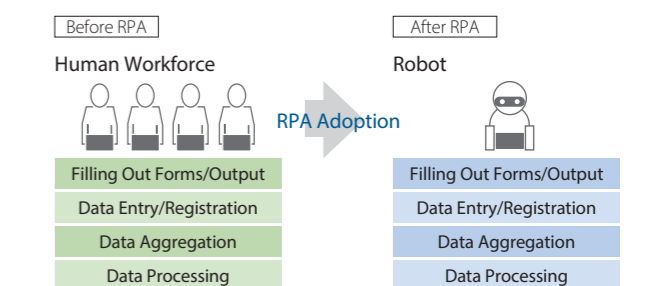
Solution
We support the adoption of Robotic Process Automation (RPA).

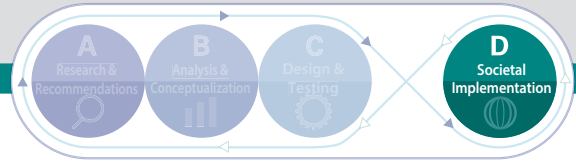
In addition to automating and speeding up routine tasks such as filling out forms and data entry, RPA is expected to reduce operational errors.

We also support paperless operations by digitizing paper documents and adopting document management systems. Paperless systems make customers not only utilize office space and documents more efficiently, but also improve the teleworking environment.

Value Provided
Improving productivity not only reduces long working hours, but also enhances competitiveness, eliminates chronic labor shortages, and contributes to achieving a work-life balance.

Example of RPA Adoption





Case Study 4 Integrated Data Management Services (IDMS) Business © Digital Transformation & ICT Solutions

Contributing to realization of corporate digital transformation and the advanced digital society

Societal Issue

As the digital transformation is progressing, social and business structures are undergoing a major change with systems that collect and analyze big data from various devices such as smartphones, drones, and drive recorders and analyze them with artificial intelligence. On the other hand, many companies are facing issues of the Cliff in 2025, such as shortage of IT engineers and legacy systems with black boxes.

Solution

We provide integrated data management services that combine storage*1 that accumulates big data and cloud services*2 that serve as the platform for data collection and analysis. We also support customers from the system planning and concept stages to utilize big data, and achieve smooth and optimal digital transformation.

Value Provided

We help customers overcome the Cliff in 2025 and realize digital transformation and the advanced digital society.

*1 High performance, low TCO, hyperscale capacity InfiniBox® storage
 *2 FINEQcloud: Private cloud services that have been adopted by clients of major financial institutions and public utility companies

Optimal Big Data Analysis Platform



Case study of migrating from on-premises file server to MRIDCS cloud environment

